Use Attainability Analysis

for

WBID 2123 Rubeneau Branch

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

RECEIVED

Field Data Sheets for Recreational Use Stream Surveys

2005 JUL -7 PM 12: 19

Data Sheet A - Water Body Identification

WATER PROTECTION PROGRAM

8-digit HUC: 07/40/104 Missouri WBID #: 2/23 County: Na Shington Upstream Legal Description: Mining Area Sec. 8 T37N R3E (Projected) Downstream Legal Description: Mining Area Sec. 8 T37N R3E (Projected) Upstream Coordinates: UTM 37.94273 90.72974 Downstream Coordinates: UTM 37.94990 90.72455 Discharger Facility Name(s): Discharger Permit Number(s): Number of Sites Evaluated: 2 Name of Surveyor and Telephone Number: Tucker Fredrickson (573)526-421
County: Na Shington Upstream Legal Description: Mining Area Sec. 8 T37N R3E (Projected) Downstream Legal Description: Mining Area Sec. 8 T37N R3E (Projected) Upstream Coordinates: UTM 37.94273 90.72974 Downstream Coordinates: UTM 37.94990 90.72455 Discharger Facility Name(s): Discharger Permit Number(s): Number of Sites Evaluated: 2
Upstream Legal Description: Mining Area Sec. 8 T37N R3E (Projected) Downstream Legal Description: Mining Area Sec. 8 T37N R3E (Projected) Upstream Coordinates: 4TM 37.94273 90.72974 Downstream Coordinates: 4TM 37.94990 90.72455 Discharger Facility Name(s): Discharger Permit Number(s): Number of Sites Evaluated: 2
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Downstream Legal Description: Mining Area Sec. 8 T37N R3E (Projected) Upstream Coordinates: UTM 37.94273 90.72974 Downstream Coordinates: UTM 37.94990 90.72455 Discharger Facility Name(s): Discharger Permit Number(s): Number of Sites Evaluated: 2
Upstream Coordinates: 474 37.94273 90.72974 Downstream Coordinates: 477 37.94990 90.72455 Discharger Facility Name(s): Discharger Permit Number(s): Number of Sites Evaluated: 2
Discharger Facility Name(s): Discharger Permit Number(s): Number of Sites Evaluated: 2
Discharger Permit Number(s): Number of Sites Evaluated: 2
Number of Sites Evaluated: 2
Name of Surveyor and Telephone Number: Tucker Fredrick 500 (573) 576-421
Traine of but 1970 and Temphone Traine of Tuc NCT Treat 161-3611 pt 190 20 121
Organization: MDNR
Position: Environmental Specialist



Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	Missouri WBID #: 2	123-01		Site Location De	escription:) De voca tu	Luina West	
_	Site GPS Coordinates: 3	7.94273 90	· 7297 1	(private) Property	vest Road	
29.0	Date & Time:	117/05	11:20		Rubeneau Bran	ch	
	Personnel: Tucker Fredrickson			Permit Number:			
	Current Weather Condition		OF	Weather Condition	ons for Past 7 days: 1055.	than O.5 "rainfall	
	Photo Ids: Upstream:		nstream:	22 Other			
Us	ses Observed*:						
	☐ Swimming	☐ Skin diving	□ sct	JBA diving	☐ Tubing	☐ Water skiing	
	☐ Wind surfing	☐ Kayaking	☐ Boa	ıting	□ Wading	☐ Rafting	
	☐ Hunting	☐ Trapping	☐ Fish	uing	None of the above	☐ Other:	
	urrounding Condition	ıs*: (Mark all that p	promote or im	pede recreational u	A		
	☐ City/county parks	1			ses. Attach photos of evider	nce or unusual	
		☐ Playgrounds	☐ MDC co	nservation lands	Urban areas	Campgrounds	
	☐ Boating accesses	☐ Playgrounds ☐ State parks	☐ MDC co			T	
	☐ Boating accesses ☐ No trespass sign			forests	☐ Urban areas	☐ Campgrounds	
E		☐ State parks ☐ Fence	☐ National	forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds	
E	☐ No trespass sign	☐ State parks ☐ Fence	☐ National	forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds	
E	□ No trespass sign	☐ State parks ☐ Fence e*:	□ National □ Steep slo	forests	☐ Urban areas ☐ Nature trails Ø Other: NA	☐ Campgrounds ☐ Stairs/walkway .	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 2123:

Stream Morphol Upstream Vie	Ç.	mensions:	No Flo	iu		
☐ Riffle Wid	th (ft):	Length (ft):	A	vg. Depth (ft):	Max. Depth (ft):	
□ Run Wid	th (ft):	Length (ft):	A	vg. Depth (ft):	Max. Depth (ft):	
☐ Pool Wid	th (ft):	Length (ft):	A	vg. Depth (ft):	Max. Depth (ft):	
☐ Flow Pres	ent? 🗆 Yes	% No	Es	stimated (ft ³ /sec):		
Downstream V	View Physical	Dimensions:				
	th (ft):	Length (ft):	A ⁻	vg. Depth (ft):	Max. Depth (ft):	
□ Run Wid	th (ft):	Length (ft):	A	vg. Depth (ft):	Max. Depth (ft):	
☐ Pool Wid	th (ft):	Length (ft):	A [·]	vg. Depth (ft):	Max. Depth (ft):	
☐ Flow Pres	ent? 🗆 Yes	Ø No	Es	stimated (ft ³ /sec):		
Substrate*: (The	se values should a	dd up to 100%.)	Not	Evaluated		
% Cob		Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
Water Character	istics*: (Mark a	ill that apply.)	☐ Chemi	ical 🗆 None	☐ Other:	
Color:	☐ Clear	☐ Green	☐ Gray	☐ Milky		
Bottom Deposit:	☐ Sludge	☐ Solids	☐ Fine se		☐ Other:	
Surface Deposit:	□ Oil	☐ Scum	☐ Foam	☐ None	☐ Other:	
*This information is a comprehensive under decision on the recrea	not to be used sole standing of water tion use analysis d, hereby affin and accurate.	ely for removal of a conditions. Consequent to consequent to the best of	recreational quently, this inditions that of my know	use designation but r information is not int need further analysis vledge, that all in	interviews) to this form ather is to provide a more ended to directly influence or that effect another use. Iformation reported o	a
Organization: M	DNR			Position: Env	vironmental.	— Opecialist



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Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 2	123 - 02		Site Location Des	scription: Bridge	ras.Siba
Site GPS Coordinates: 3		.72455		Midwest Room	id
Date & Time:		0;45		Rubeneau Brai	
Personnel: Tucker	Fredricks	50N	Permit Number:		lange 80-87°F
Current Weather Condition		0°F	Weather Condition	ons for Past 7 days: 1e55	
Photo Ids: Upstream:	19 Down	nstream:	20 Other		
Uses Observed*:					
☐ Swimming	☐ Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□ Во	ating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fis	hing	None of the above	☐ Other:
Surrounding Conditions items of interest.)	S*: (Mark all that p	romote or in	npede recreational us	ses. Attach photos of eviden	ice or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC co	onservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ Nationa	l forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep sle	opes	Other: NA	
Evidence of Human Use	e*:				•
☐ Roads	☐ Foot paths/prir	0			
	Li 100c padas/prii	ונט ן נו	Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		Dock/platform Fire pit/ring	☐ Livestock Watering ☐ NPDES Discharge	☐ RV / ATV Tracks

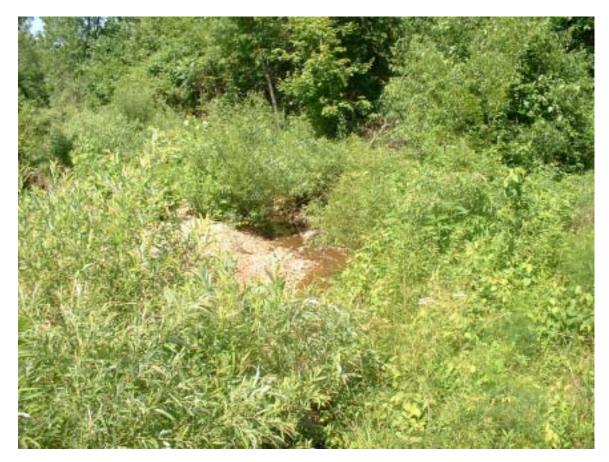
Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004

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Page Two – Data Sheet B for WBID # 2123:

Riffle Width	ft):	Length (ft):	Avg. Depth (f	t):	Max. Depth (ft):	
Run Width		Length (ft): 20	Avg. Depth (f	t): 0.3	Max. Depth (ft):	C.3
Pool Width		Length (ft):	Avg. Depth (f	t):	Max. Depth (ft):	
Flow Present	<u> </u>	□ No	Estimated (ft ³	/sec):		
	/					
ownstream Vie			Avg. Depth (f	-	Max. Depth (ft):	
☐ Riffle Width		Length (ft):			Max. Depth (ft):	
□ Run Width	(ft):	Length (ft):	Avg. Depth (Max. Depth (ft):	1,0
Pool Width	(ft): 15	Length (ft):	2 Avg. Depth (Max. Dopur (10).	(/ -
☐ Flow Presen	? U Yes	□ No	Estimated (fr	//sec):		- 100 - 100
strate*: (These	unluga abould	add up to 100%)				
40 % Cobbl		% Gravel 3	O % Sand	% Silt	% Mud/Clay	% Bedroc
			algal growth at the asse	ssment site)		
iter Characteri	stics*: (Mark	c all that apply.)			☐ Other:	
i ter Characteri Odor:	stics*: (Mark	c all that apply.)	☐ Chemical	⊠ None	☐ Other:	
ter Characteri Odor: Color:	stics*: (Mark	c all that apply.) Musky Green	☐ Chemical	⊠ None	☐ Other:	
oter Characteri Odor: Color: Bottom Deposit:	stics*: (Mark Sewage Clear Sludge	c all that apply.) Musky Green Solids	☐ Chemical ☐ Gray ☑ Fine sediments	None Milky None	☐ Other:	
ter Characteri Odor: Color:	stics*: (Mark	c all that apply.) Musky Green	☐ Chemical	⊠ None	☐ Other:	
Odor: Color: Bottom Deposit: Surface Deposit: mments: Pleas	Stics*: (Mark	dall that apply.) Musky Green Solids Scum Itional comments	☐ Chemical ☐ Gray ☑ Fine sediments	☑ None ☐ Milky ☐ None ☑ None ion from intendention but rather	Other: Other: Other: Other:	m. e a
Odor: Color: Bottom Deposit: Surface Deposit: omments: Pleas his information is nonprehensive undersision on the recreate the undersigned tasheet is true	stics*: (Mark	dall that apply.) Musky Green Solids Scum itional comments solely for removal of ter conditions. Consists but may point to offirm to the best te.	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam (including information a recreational use design equently, this information of my knowledge,	None None None None nation from intendent is not intendent analysis or that all information.	Other: Other: Other: Other: or other	m. e a on this UAA
Odor: Color: Bottom Deposit: Surface Deposit: omments: Pleas his information is nonprehensive undersision on the recreate the undersigned tasheet is true	stics*: (Mark	dall that apply.) Musky Green Solids Scum itional comments solely for removal of ter conditions. Consists but may point to offirm to the best te.	☐ Chemical ☐ Gray ☑ Fine sediments ☐ Foam (including information a recreational use designments), this information conditions that need furt	None None None None nation from intendent is not intendent analysis or that all information.	Other: Other: Other: Other: or other	m. e a on this UAA



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